

ksc bulletin



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Space Administration

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John F. Kennedy Space Center
Kennedy Space Center, Florida 32899

Published weekly under the provisions of KMI 1590.2. Mail items to KSC Bulletin on KSC Form 7-121.
All notices contained herein must comply with the nondiscriminatory principles of the Federal Equal Opportunity Program.
Advertised items must be available without regard to race, color, religion, sex, age, national origin, or disability.
URL: <http://www-lib.ksc.nasa.gov/lib/bulletin/bulletin.htm> (KSC only)
Deadline for Official/Unofficial notices - Monday, 9 a.m.

OFFICIAL

LAUNCH VIEWING: Rooftops are OFF LIMITS to normal access, including during launches. Many rooftops are of the "soft" construction variety, and will not support a person's weight without damage. DO NOT walk out onto rooftops, unless they have been specifically cleared for unescorted access. (EI-C)

PHILATELIC SERVICES: KSC personnel are reminded requests for cancellations for Shuttle launches and/or landings should be delivered or mailed directly to JBOSC Mail Services, KSC Headquarters, Room 1546, or OSB, Room 1207, prior to requested cancellation date. Envelopes that are mailed should be placed in another envelope or other appropriate wrapping and addressed to JBOSC. Envelopes arriving loose in the mail system risk being cancelled the same day they are received if the request for cancellation service is not clear. Do not deliver or mail requests to the KSC Post Office. Direct questions to JBOSC, 867-2414. (FF-S2-A)

SECURITY NOTICE - GATE ACTIVATIONS/ROAD CLOSURES FOR LAUNCH OF STS-88:

GATE ACTIVATIONS:

Launch minus 3 days through Launch:

Gate 4TT (west S.R. 402): Open to badged personnel only.

Gate 6TT (north S.R. 3): Open to badged personnel only.

Gate 2 (south S.R. 3): Badge check activated from 7 p.m. until after launch.

Gate 2A: (5th St & KP): Open for employees entering the Industrial Area to avoid visitor traffic.

Gate 3 (S.R. 405): Badge check activated from 7 p.m. until access control is established at U.S. 1 and S.R. 405.

Launch minus 5 hours through Launch (11 p.m.):

NASA Cswy Perimeter Gate Controls (Gate 3):

U.S. 1 northbound access ramp to NASA Causeway.

U.S. 1 southbound access ramp to NASA Causeway.

S.R. 405/U.S. 1 overpass - Badged employees use left lane and have badge ready to display.

ROAD CLOSURES:

Launch minus 5 hours through Launch:

Static Test Road north to Schwartz Road and Schwartz Road from Static Test to the Landfill.

"E" Avenue north between First Street and NASA Cswy: Closed until viewing sites are clear (approximately 1 hour) after launch.

Launch minus 2 hours:

Gate 6TT (south of Haulover Canal Bridge): S.R. 3 closed between Haulover Canal Bridge and Wilsons Corner (S.R. 402) to north and southbound traffic. Employees should use Gate 4TT (SR 402) for KSC access.

Launch minus 2 minutes:

Gate 4TT to Wilsons Corner: Closed to east and west traffic for approximately 10 minutes.

Gate 2C north to Saturn Causeway and Kennedy Parkway: Closed to north and south traffic for approximately 10 minutes.

After Launch or a Launch Scrub:

NASA Causeway at E Avenue: Closed to eastbound traffic for 1 hour.

NASA Causeway at Hangar Road: Closed to westbound traffic for 1 hour.

Kennedy Parkway onto NASA Causeway eastbound: Closed for approximately 1 hour after launch. Use Gate 2A at Kennedy Parkway and 5th Street to enter Industrial Area.

ADDITIONAL INFORMATION:

Launch minus 5 hours: The speed limit on NASA Causeway adjacent to the Banana River Viewing Area is 25 mph. This speed limit will be strictly enforced.

Gate closures/relocations are subject to change due to operational constraints. (FF-S1)

NOVEMBER HEALTH EDUCATION AND WELLNESS PROGRAM—AIDS INFORMATION: Since 1981, more than 600,000 Americans have been diagnosed with AIDS and at least 385,000 have died. The first ever declines in AIDS incidence and deaths occurred in 1996, with drops of 7% and 25%, respectively. These dramatic decreases in AIDS cases and deaths are largely due to successful drug treatment programs. Despite the fact that AIDS incidence is down across the United States, the number of people living with HIV infections is rising. Estimates suggest between 650,000 and 900,000 are now living with HIV and at least 40,000 become newly infected each year. In the U.S., women now account for 16% of all AIDS cases, and the number continues to rise. Worldwide, more than 30 million people are infected with HIV. Last year, 5.8 million new HIV infections occurred around the globe. The majority of HIV positive people, in developing countries (an estimated 90%), are not aware of it. Approximately 11.7 million people have died around the world from AIDS. At this time, we have no vaccine and AIDS cannot be cured; it can, however, be prevented. Education, knowledge and safe behaviors are the keys to prevention. A packet of the latest information and statistics will be available at all medical facilities in November. Packets and lectures on AIDS and its prevention are also available upon request. Call Carol Roth, 867-3414, mailcode CHS-005, email Roth-1_Carol. (JJ-C)

DECEMBER HEALTH EDUCATION AND WELLNESS PROGRAM—FOOD SAFETY: The holidays are a wonderful time for family gatherings, parties, and holiday feasts. It is important to purchase, prepare, and store all your food carefully. December's program will have information on how to avoid foodborne illnesses and enjoy a safe, healthy holiday season. Packets will be available at all medical facilities and upon request to Carol Roth, CHS-005, 867-3414, email Roth-1_Carol.

LEAVE TRANSFER RECIPIENT: Lisa G. Kestel has been approved as a member of the leave transfer program. Employees who wish to donate leave may pick up forms from HM-A-3, HQ, Room 1404, or from their Administration Office. (EC-D)

ATTENTION ALL EMPLOYEES ELIGIBLE TO TRANSFER TO FERS!: It's time to choose! CSRS or FERS? Open Season ends December 31, 1998. To help you make the better choice, the Office of Personnel Management (OPM), Social Security Administration (SSA), and the Health Care Finance Administration are hosting a live, interactive satellite broadcast that will highlight the decisions made by some typical Federal employees, and discuss the facts that led them to their decisions. Agency Retirement Counselors and experts from OPM and the SSA will be on hand to discuss the decision factors and to answer questions relating to the transfer decision that have been asked by employees throughout the Open Season. Even if you don't think that FERS is for you, you owe it to yourself to watch this broadcast! If you have questions you'd like to see addressed during the broadcast, you may fax them in advance to (202) 606-1108. The Satellite Broadcast will be on NASA's Channel 23, Wednesday, December 2, 1998, from 1:00 p.m. to 2:30 p.m. (HM-A-3)

TSP OPEN SEASON: TSP Open Season began November 15, 1998, and will end January 31, 1999. For those eligible to participate, if you make an election between November 15 and January 2, 1999, the action will be effective January 3, 1999. For actions received after that date, the effective date will be the beginning of the following pay period. You may choose to use either the TSP-1 Election Form **or** you may use the web site (<http://www.tsp.gov>), but DO NOT use both. If you do not have your TSP PIN Number, you may request a new one by using the web site or by calling 1-504-255-8777. (HM-A-3)

TSP WEB SITE: The TSP Web Site (<http://www.tsp.gov>) has enhanced its program by allowing you to request interfund transfers, a new PIN number, or change your PIN. In addition, with your social security number, you may use the site to find our your most recent month-end account balance, the amount you are eligible to borrow, and the status of your loan or withdrawal request. (HM-A-3)

TSP ANIMATED CLIP: If you are eligible for TSP and still not participating, you may find it interesting to watch a 10-minute video being presented on NASA's Channel 60 each Tuesday at 11:00 a.m. and Wednesday at 12:30 p.m. If the time of showing should change, it will be reflected just like at home on cable—the bottom of the screen will have schedule times. (HM-A-3)

EMPLOYEE ASSISTANCE PROGRAM: All employees are reminded the Employee Assistance Program offers free, confidential counseling to all Kennedy Space Center and Cape Canaveral Air Station employees. Appointments are necessary to ensure adequate time. This program is available Monday through Friday, 7:30 a.m. to 4:00 p.m. Appointments may be made by calling 867-7398. (JJ-C)

GOVERNMENT ETHICS REFRESHER TRAINING: Individuals who file Public or Confidential Financial Disclosure Reports are required to attend annual ethics training. Training for 1998 is scheduled to be held in the Training Auditorium at the times and dates specified below. Administrative Officers should coordinate with those employees identified as required attendees to assure they are scheduled to attend one of these sessions. Employees who do not file financial disclosures are also welcome to attend these sessions on a walk-in basis.*

Date	Time	Date	Time
December 4	10:00 a.m. - 11:15 a.m.	December 15	1:30 p.m. - 2:45 p.m.
December 11*	10:00 a.m. - 11:15 a.m.	December 18*	2:00 p.m. - 3:15 p.m.

*Denotes Change (AF)

FEDERAL EMPLOYEE HEALTH BENEFITS (FEHB) PROGRAM OPEN SEASON: The NASA/KSC Federal Employees Health Benefits (FEHB) Open Season began November 9, 1998, and will end December 14, 1998. During this time, eligible employees can enroll or change health benefits plans by using **either** Employee Express Website, <http://www.employeeexpress.gov> **or** by submitting a Health Benefits Registration Form (SF-2809) to the Personnel Office, Operations Branch, HQ, Room 1404, or mail to HM-A-3. (HM-A-3)

KSC RIDESHARING PROGRAM: The KSC Ridesharing Program assists you in joining existing car/van pools or forming new ones. Forms for the Ridesharing Program are available by calling 867-3420. The information provided on the forms will be fed into a computer which matches people by residential areas and compatibility of work hours. Each person responding will be sent a list of potential car or van poolers. The Brevard County Space Coast Area Transit provides the listings. (FF-S2-D)

KSC LIBRARY: The following non-circulating CD-ROMs are available for searching in the KSC Library, HQ, Room 1301. These are in addition to the CD-ROMs available for searching on the network.

American Society of Civil Engineering Journals	Hawley's Comprehensive Chemical Series
D.A.T.A. Integrated Circuits	IC Master
DATAPRO	Means CostWorks '98
Encyclopedia Americana	Space: A Visual History
Federal Acquisition Regulations	Street Atlas USA
Federal Register (1993- 1995) (FF-S2-A)	

KSC LIBRARY: The following KSC Library CD-ROMs are now networked and available for searching from your DOS/Windows PC. To arrange for access to these products, contact your network help desk. If you are not connected to the network, or use other operating systems, these titles are available for searching in the KSC Library. Library staff are available during regular hours, 6:45 a.m. to 5:00 p.m., to help you search these databases. For a description of these CD-ROMs, visit our World Wide Web page at <http://www-lib.ksc.nasa.gov/lib/library.html#cdroms>, or contact the Library at 867-3600 for a description of networked and non-networked titles:

Computer Select	Medical Logistics
Environmental Law Reporter	National Electrical Code
Environmental Library	National Electrical Code Handbook
Federal Logistics	National Fire Code
Florida Statutes	Phone Disk
H Series Handbook	Sweets Source
Labor & Employee Law Library (FF-S2-A)	

KSC LIBRARY—REQUEST FOR LIBRARY CIRCULATION MATERIAL: KSC employees are required to submit KSC Form 16-19 to request library materials. A written, work-related justification and the signature of the organization's Library Materials Coordinator (LMC) are also required. The Library will not process and submit invoices for payment for materials personally ordered by employees directly from publishers or vendors. (FF-S2-A)

KSC LIBRARY—INTERNET RESOURCES: The "Index of KSC Specifications and Standards," KSC GP-364, is available on the World Wide Web. Active ones are available in full text PDF versions at <http://www-lib.ksc.nasa.gov/lib/gp364.htm>. (FF-S2-A)

KSC LIBRARY: The NASA-wide library catalog, NASA GALAXIE, is available to KSC civil service and contractor personnel via the World Wide Web at <http://nasagalaxie.larc.nasa.gov/>. (FF-S2-A)

OFFICE COPIER VIEWGRAPH MATERIAL: Viewgraph material will not be supplied to NASA and authorized associated contractors by the copier contractor, Lanier. All viewgraph material must be obtained through JBOSC Supply. The stock numbers are 7530-00-238-9232 and 7530-00-K05-4069. All other viewgraph materials are not acceptable for use in the Lanier Copiers. (FF-S2-A)

COMPETITIVE PLACEMENT PLAN - JOB OPPORTUNITIES:

Annct. No.	Position & Grade	Area of Consideration	Open/Close Date	Location
RON 3-99	AST Technical Management, 3 positions, GS-801-12/13	NASA/KSC Civil Service Employees	11-25-98/12-9-98	MM-E

Applicants must submit an application (OF 612, Optional Application for Federal Employment, or the KSC Form 13-283, Short Form) for these positions. Applications should be submitted to Human Resources Policy, Development and Operations Branch (HM-A-3), HQ, Room 1404. (HM-A-3)

VACANCIES AT OTHER NASA CENTERS:

Annct. No.	Position & Grade	Open/Close Date	Location
*99-19DD	Supervisory Aerospace Engineer AST, Flight Systems Program Management, GS-761-15	11-13-98/12-4-98	NASA/LeRC
*99-YB-512	Financial Management Analyst, GS-501-12/13	11-16-98/12-7-98	NASA/ARC
***99-YB-303	Program Analyst, GS-343-13	11-16-98/2-7-98	NASA/ARC
***99-MMM-304	Commercialization Specialist, Office Chief, GS-1101-14/15	11-16-98/11-30-98	NASA/ARC

*This position is open to all NASA employees with Career or Career Conditional Appointments and to former Federal Employees who have reinstatement eligibility.
****These positions are open to all Qualified Candidates. (HM-A-3)

AUTHENTICATED:

Audrey Lee Silipo, Center Services (FF-S2-A)

SMOKE KILLS! HAVE YOU CHECKED YOUR SMOKE DETECTOR LATELY?

U N O F F I C I A L

CAFETERIA MENU FOR WEEK OF NOVEMBER 30 THROUGH DECEMBER 4

*MONDAY	*TUESDAY	*WEDNESDAY	*THURSDAY	*FRIDAY
Beef Barley Soup HEALTHY FARE- Pasta Primavera Boneless Breast of Chicken o/Rice Hot Deli Sandwich- Roast Beef	Knickerbocker Soup HEALTHY FARE- Cheese Lasagna w/Marinara Sauce Shepherd's Pie Hot Deli Sandwich- Roast Pork	Pasta Fagirole Soup Yankee Pot Roast Chicken Pot Pie Hot Deli Sandwich- Corned Beef	Corn Chowder HEALTHY FARE- Szechwan BBQ Pork o/Rice Teriyaki Style Chicken Hot Deli Sandwich- Roast Turkey	Seafood Minestrone Soup Fried Tilapia w/2 Hushpuppies HEALTHY FARE- Baked Tilapia w/2 Hushpuppies Chopped Sirloin au jus Hot Deli Sandwich- Baked Ham

*Assorted vegetables, salads, desserts, and beverages available daily. Vegetable soup available daily - bowl \$1/cup .55. Vegetable plate available daily—three vegetables for \$2.10. Each Wednesday and Friday a "Cook's Special of the Day" is available and will be posted in each cafeteria. Menu subject to change due to market conditions or availability.

NASA EXCHANGE: Just arriving from Santa's sled: Lefton miniature hanging lighthouse ornaments; Prestige Design numbered swimming dolphin sculptures for the nautical person; beautiful wooden cat sculptures for the animal lover; planetary wind chimes, napkin and candle holders for the astronomer; and for the collectors—Charles Dickens musical boxes and Kensington Bears. We have something for everyone in our store. With only 19 Exchange shopping days left, better hurry before they're all gone!

KSC EXCHANGE SERVICE STATION: Front disc brake job or rear drum brake job—includes pads, machine rotors, pack bearings where packable or rear shoes, machine drums, adjust top off fluid, inspect hydraulic components. This week only \$54.95 per axle, most vehicles. Metallic pads, \$15 extra. Call us at 453-1254 for information or an appointment. Self-service gas pumps open Monday through Friday, 6:30 a.m. to 5:30 p.m. We accept Citgo and all major credit cards.

KENNEDY SPACE CENTER FEDERAL CREDIT UNION REPOS: Repos located at the Merritt Island office. 1995 Dodge Ram Van 2500, \$15,750; 1993 Mercury Tracer S/W, \$4500; 1994 Nissan Altima SE, \$9375; 1996 Pontiac Grand Prix, \$11,625; 1994 Pontiac Trans Sport SE van, V6, \$8995; 1992 Ford Ranger, \$5500; 1993 Mitsubishi Van Expo Sport, \$8250; 1990 Chevy C1500, 5-speed, \$6995. Call: 455-9400, ext. 251.

KSC/CCAS BADGED EMPLOYEES: Holiday Discount Days--Kennedy Space Center Visitor Complex "The Space Shop" November 27 - December 18. Bring your I.D.—25% off.



SECURITY AMBULANCE FIRE
911 7-7911 1-7911

KSC FITNESS CENTER—FIGHT THE HOLIDAYS: KSC Fitness Centers would like to help you FIGHT THE HOLIDAYS! This incentive program will run from November 23 through January 4 with tasks to help you stay healthy and motivated through the holiday season. Packets are available at both Fitness Centers or call for more information, O&C 867-7829, or OSB 861-3028.

KSC FITNESS CENTER DECEMBER AEROBIC SCHEDULE: Aerobics classes will resume on Monday, November 30, O&C, Room 3213. We will be offering a new toning class called “Muscle Pump” on Tuesdays and Thursdays from 11:30 a.m. - 12:15 p.m. Step Aerobics will be Mondays, Tuesdays, Wednesdays, and Thursdays from 4 p.m. - 5 p.m. Please keep in mind no shower facilities are available yet. Since “Muscle Pump” is at lunch time, it will be a low enough intensity so that showers will not be necessary. For more information, call 867-7829.

KARS: The Spaceport Gun Club is offering the NRA Personal Protection Course Saturday, December 5, 1998, at KARS Park I, Merritt Island, 2 miles north of the Barge Canal bridge, turn east off State Road 3. Session at clubhouse 8:30 a.m. to 5:30 p.m. Class size limited to first enroll basis. Class fee \$25. To sign up for class or additional information, call John Czere at 631-8637(h) or Bruce Laubenheimer at 783-1586(h). Students will be required to furnish: 1. Handgun properly cased for transportation (NOTE: No caliber larger than 45); 2. 78 rounds of factory loaded ammunition; 3. Eye protection (glasses); 4. Hearing protection.

KSC BARRACUDAS: The KSC Barracudas Skin and Scuba Diving Club holds monthly general meetings on the first Tuesday at 7 p.m. at the Merritt Island Public Library, 1195 N. Courtney Parkway, Merritt Island, FL 32953. All members and guests are invited. For more information, contact Bill Little at 853-7703 or email at cudas@mindspring.com. Visit our web site at www.mindspring.com/~cudas/home.html.

NASA KENNEDY MANAGEMENT ASSOCIATION (NKMA): Looking for an opportunity to develop leadership and managerial skills? Looking for a place to meet Kennedy decision makers? Looking for a place to grow? For more information, visit our website at <http://nkma.ksc.nasa.gov> to find out about upcoming activities.

BREVARD COMMUNITY COLLEGE—LOGISTICS CERTIFICATE PROGRAM: BCC will conduct a Logistics Certificate Program which will include four courses. The first, Supplier Management, Facilities, Packaging, and Transportation, is scheduled on December 1, 1998. The tuition is \$42 per class and one credit hour is awarded for each. Classes are open to all KSC/CCAS organizations. Logistics Project Management will be offered January 12, 1999; Maintenance and Supportability Planning on February 2, 1999; and Logistics Support Analysis (LSA) and Implementation on March 2, 1999—classes will be held for one day, 8:00 a.m. - 4:30 p.m. Call 449-5046 for information and registration.

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY: ERAU will be offering a Master of Science in Industrial Optimization Degree Program onsite at KSC beginning January 1999. The 2-year program is designed to assist scientists and engineers in developing optimization and statistical quality improvement skills for product design and process improvement. The courses will be taught one-at-a-time in a 9-week term format. This practical program will use aerospace case studies and emphasize computer applications. For more information and a schedule of classes, send an email message to patrick.center@cts.db.erau.edu or contact Lynn Grant, Patrick Center Director, at 799-4844.

FLORIDA INSTITUTE OF TECHNOLOGY: Applications for Florida Tech’s Spring 1999 term are being accepted at the NASA Education and Training Center, corner of 2nd Street and B Avenue (Industrial Area). Registration begins November 23 with classes starting the week of January 11. Florida Tech offers a variety of master’s degree programs, e.g., Master of Science in Computer Information Systems, Space Systems, Management, Acquisition and Contract Management. To obtain a catalog or schedule, call 453-2030 or 784-2045.

FLORIDA SPACE INSTITUTE SPRING 1999 COURSE SCHEDULE: Florida Space Institute’s (FSI) Educational Division is offering courses at **KSC** and Cape Canaveral Air Station (CCAS) for the Spring 1999 term. Graduate courses offered are Remote Sensing and Advanced Engineering Mathematics. The Undergraduate selection includes Telemetry Communications, Launch Processing, Aerospace Materials, Shuttle Processing, and Space Science and Technology scheduled to be taught by former astronaut Dr. Sam Durrance. The Educational Division participants include: Brevard Community College, Broward Community College, Embry Riddle Aeronautical University, Florida Tech, and the University of Central Florida. FSI’s Educational Division was chartered to provide students a “hands-on” approach in the Space Technology field. For further information on FSI courses, please call Cassie Spears at 730-2603.

UNIVERSITY OF CENTRAL FLORIDA REGISTRATION ANNOUNCEMENT: UCF will offer Graduate Engineering and Undergraduate Engineering Technology taped courses through the Florida Engineering Education Delivery System (FEEDS) at Cape Canaveral Air Station (CCAS) for the Spring 1999 semester. Spring term begins January 6 and runs through April 26. Registration will be conducted on December 9 and 14, from 8:00 a.m. - 5:30 p.m. and December 10 from 2:00 p.m. - 7:00 p.m. in Room 123, Building AM (north entrance), situated on the west side of Hangar Road at CCAS. All classes will be held in Building AM and are open to **employees of KSC** and CCAS. For further information, please contact Cassie Spears at 730-2603.

NASA CENTERS SKI WEEK 8: Last chance! A few spaces still remain but time is getting short to sign up for the NASA Centers Ski Week 8. All unused spaces **MUST** be returned in early December. This is an 8-day/7-night trip to Jackson Hole, Wyoming, on January 30 - February 6, 1999. The trip is open to all NASA and Contractor employees, their families, and friends. The price of \$949 per person (double occupancy) includes round trip airfare from Orlando to Jackson Hole, all ground transportation, 5-of-6-day lift pass at Jackson Hole mountain, 7 nights lodging at the Days Inn of Jackson Hole, welcome party, Theme Banquet with entertainment, and souvenirs. The Days Inn includes a daily continental breakfast and is only a short bus ride to the ski mountain. The standard room has two queen beds and coffee maker. Many rooms also have microwaves and mini refrigerators and a few may also have fireplaces. Option for sixth day skiing at Jackson Hole (or possibly at Grand Targhee) is available. Non-ski options and child prices are also available. Other available activities include: Snowmobiling at Yellowstone Park, Ice Skating, Sleigh Ride Dinners, and dog sled rides. For further information or applications, contact Richard Miller, KSC Trip Leader, at 861-4153.

PERSONALITY PREFERENCE TESTING: Robin Lusardi of our CTAP office is certified to administer and interpret **The Myers-Briggs Type Indicator** evaluation. Discover the real YOU! Capitalize on your personality type and communication skills. She will also meet with work groups to discuss how working productively and smoothly requires an understanding of ourselves as well as our co-workers. To take advantage of this opportunity, call Robin at CTAP, 867-4350.

CTAP: The Career Transition Assistance Program is available to assist the KSC NASA employee. Support areas include resume writing, interviewing, job search activities, starting your own business, consulting, and many other self-help programs designed to assist you. We also have a reference area with many key publications and a computer lab loaded with special software and direct links to the “net.” Co-located as part of the CTAP team is an Employment Specialist from the Florida Department of Labor who can assist in using the computerized Florida Job Information System. CTAP is located in HQ, Room 1355, 7:00 a.m. to 3:30 p.m. You may also reach us through the NASA KSC homepage (see: PERSONNEL/CTAP). Whether you are interested in individual counseling, dynamic workshops, or “surfing on your own,” CTAP can help! Call our office at 867-4350 today for further information.

P E R S O N A L

CARPPOOLS

Vanpool seats: Daytona/Port Orange/New Smyrna to OPF/VAB/LCC Areas, 6:30/7:00-3:30, Steve, 861-1485/904-238-3629.
Vanpool seats: IHB/Satellite Beach/PAFB/CB/CC to CCAS/KSC Industrial Area, 7:30-4:30, Anderson, 867-6135/777-5632.
Vanpool seats: Melbourne Beach/Indialantic/IHB/CB/Cape Canaveral to CCAS/KSC Industrial Area/VAB, 7:15-3:45, Goodrich, 867-6956/725-7383.
Vanpool seats: N. Melbourne/Eau Gallie via U.S. 1 to KSC Industrial Area, 7:30-4:00, Don, 867-4634.
Vanpool seats: Palm Bay/Melbourne/Viera to KSC Industrial Area, 7:00-3:45, Steve, 867-3812/724-5436.
Vanpool seats: Palm Bay/Melbourne to KSC Industrial Area, 7:30-4:00, Ed, 867-4500/676-2533.
Vanpool seats: Palm Bay/Melbourne (Eau Gallie Blvd.)/Suntree (Budgetel Inn) to KSC Industrial Area, 8:00-4:30, Ed, 867-3898/984-3861.
Vanpool seats: Palm Bay/Suntree to LC-39/OPF/Logistics/OSB/PCC, 7:00-3:30, Mark, 861-0991/725-6677.
Vanpool seats: Palm Bay/Eau Gallie/Suntree to USBI/OSB/LCC/VAB/OPF Areas, 7:00-3:45, Dan, 861-2488/952-8840.
Vanpool seats: Palm Bay/I-95-Malabar Road/Melbourne to CCAS Industrial Area, Rick, 853-9807/722-3649.
Vanpool seats: Rockledge/Cocoa Areas to KSC, 6:45-3:30, home pickup possible, Richard, 867-2380/639-2974.
Vanpool seats: Daytona/New Smyrna to OPF/VAB/LCC/Pads/ARF, 7:00-3:30, Tom, 867-7042/904-409-3923.
Vanpool seats: E. Orlando/Hwy. 50 Tiffanys/Wal-Mart/Bithlo to LC-39 Areas/Heavy Equip./OSB/Complexes/PCC, 7:00-3:30, Gene, 861-0731/677-7394.
Vanpool seats: Orlando/Conway Area via Hwy. 50 to KSC North Areas, 7:00-3:30, Schaefer, 861-5640/273-3048.
Vanpool seats: Orlando/Conway/Union Park/Bithlo to VAB, USBI, OSB & Wiltech Areas, 7:00-3:45, Fishell, 861-2470/407-859-4009.
Vanpool seats: Orlando/West 50 & Hiawassee/Metro West/Goldenrod & E/W /Alafaya & 50 to KSC Industrial Area, 7:15-4:00, Ed, 867-3587/299-7543.
Vanpool seats: West 50 & Hiawassee/Alafaya to KSC Headquarters Area/CCAS, 7:00-3:45, Earl, 853-4656.
Vanpool seats: E. Colonial at Alafaya to KSC Industrial Area, 7:30-4:00, Don, 867-7470/365-0586.
Vanpool seats: E. Colonial at Alafaya/419 Park & Ride to KSC Industrial Area, 7:00-3:30, David, 867-7138.
Vanpool seats: E. Colonial at Dean Road/419 Park & Ride to KSC Industrial Area, 7:00-4:00, Browning, 867-7468/277-8997.
Vanpool seats: W. Colonial/Kirkman Road/Dean Road/Bithlow Park & Ride to LC-39 Areas, 7:00-3:30, Hall, 861-5355/422-3681.
Carpool: E. Colonial/Alafaya to VAB/OSB/HQ/O&C Areas, 8:00-4:30, Kim, 867-3911/380-8787.
Carpool: Melbourne to KSC Industrial Area, Dominguez, 867-3072/952-9460.
Ride needed/form carpool: Barna Avenue, Titusville to KSC Industrial Area, 6:30-3:00, flexible, Frank, 867-2874/264-0603.
Ride needed/form carpool: Coventry of Cocoa (Highway 524) to O&C Building, 8:00-4:30, Setzer, 867-8681/639-9062.
Ride needed/form carpool: N. Melbourne/Indialantic/Satellite Beach to CCAS/LOCC/CX36, 7:00-3:30, Cyrus (Siroos), 853-3361/259-5641.
Ride needed/form carpool: Rockledge, Levitt Park to VAB Area, 7:00-3:30, non-smoking, Betty, 867-2326/636-3175.
Ride needed/form carpool: Titusville, Highway 50 and Barna to HQ/O&C Areas, non-smoker, 7:00-3:30, flexible, Zeitlin, 861-7909/269-2695.

REAL ESTATE FOR SALE

House: N. Merritt Island, 3-B/R, 2 1/2-bath, 2-car garage, fireplace, 1.0 acre, pond, \$158,500, Cooper, 452-8301.
House: Hickory Hills, 4-B/R, 2-bath, oversized 2-car garage, brick fireplace, 15'x30' screened pool & porch, privacy fence, 2000 sq. ft., \$117,900, 267-5320.
House: Oviedo, 3-B/R, 2-bath, fireplace, formal dining/living room, family room, oversized lot, screened porch, 4 years old, fenced, \$118,000, 366-0614.
Condo: Titusville, 1-B/R, 1-bath, new carpet/paint, \$19,500, Lewis, 631-6387.
Condo: Signal Hill, Long Beach, CA, 2-B/R, 2-bath, 1100 sq. ft., new carpet/paint/blinds/screens, ready for move-in, \$73,000, Rose, 633-3222.
Acreage: U.S. 1, N. Brevard, ±2.0 acres, zoned 2 units/acre, future commercial use, \$47,000, Wardle, 269-4217.
Lot: Wedgefield Country Club, B.O., McCoy, 453-5400.

AUTOMOBILES & RV'S FOR SALE

1969 VW bug, new engine/brakes/upholstery, \$1650/B.O., Gary, 267-5320.
1981 Nissan 280 ZX parts car, A/T, turbo engine, many other parks, \$200, Taylor, 638-3802, after 5 p.m.
1984 Mustang GT, 302 H.O., 166,000 miles, \$1500, Burdett, 633-4919.
1984 Nissan 300 ZX, 5-speed, T-tops, 116,900 miles, \$950/B.O., Willman, 633-4699.
1985 Corvette coupe, A/T, red w/red interior, good condition, \$10,000, Mark, 459-2774.
1985 Dodge Diplomat, 318, A/C, new tires/brakes/battery/transmission, driven daily, runs great, \$1050, Chris, 668-0281.
1985 Jimmy S-15, 4wd, 4-cylinder, A/T, runs, needs work, \$200, Kulchak, 268-5785.
1986 Chevy Astro van, cold A/C, loaded, conversion interior, 160,000 miles, good condition, \$2500, Hoffman, 638-3994.
1987 Chevy custom van, high roof w/color TV, VCR, 120 volt A/C, custom bed, pressurized water w/stainless steel sink, \$5200, Bud, 267-4864, after 4 p.m.
1987 Ford Ranger XLT, new tires/clutch/radiator, \$2800, Will, 631-6330.
1988 Chevy Cavalier Z24, digital instruments, sunroof, tinted windows, CD, custom wheels & tires, body good, needs engine work, \$1000/B.O., 268-3423.
1988 Mazda RX-7 GXL, 5-speed, cold A/C, new paint, no rust, 8 speaker Kenwood CD system, runs good, \$3000, 452-9252, leave message.
1989 Dodge Caravan SE, 7-passenger, no rust, high miles, needs A/C repair, many replaced parts, \$975/B.O., Dunham, 636-2130.
1990 Mazda 929S, 3.0 DOHC, A/C, A/T, AM/FM/cassette, power sunroof, P/D, P/W, P/M, P/S, 112,000 miles, \$3200, Farley, 453-6939.
1991 Toyota Celica GT convertible, 5-speed, loaded, new top, mint condition, 99,000 miles, \$7000/firm, Hoffman, 638-3994.
1994 Mazda MPV, V6, 7-passenger, dual A/C, original owner, 47500, Lincoln, 865-7262.
1997 Geo Metro, 4-door, A/C, A/T, 28,000 miles, 7K/1 year left on warranty, \$6999, Ron, 632-7196.

HOUSEHOLD FURNISHINGS FOR SALE

Washed oak coffee table, sofa table & end tables, Aspen, \$150; TV stand, washed oak w/glass doors, \$50, Mary, 268-0504.
Baby crib, solid elm, heavy duty, \$225, Nickell, 452-8909.
Triple dresser w/double mirror, cherry, \$200, Gail, 452-1813.
Waterbed, waveless, hardsided, oak bookcase headboard, heater, leak container, B.O., Dave, 264-7225.
Cargo elevated bed w/6-drawer dresser, desk w/lighted bookshelf, chair, \$800/B.O., don, 631-7428.
Sofa & recliner, brown, \$125; glass topped kitchen table, 4 chairs, \$75, Dunham, 636-2130.
Black lacquer king waterbed, semi-waveless, baffles, excellent condition, \$100/B.O., Johnston, 454-3942.
Sofa, dark hunter green, like new, excellent condition, \$250, Howard, 632-9052, Rockledge.
Canopy bed w/mattress & sheets, pink, \$65; oak gun cabinet w/etched glass door, \$100, Hicks, 456-5657.
Dining table w/leaf, 1 captain's/5 regular cushioned chairs, excellent condition, \$275; black TV stand w/glass doors, holds 32" TV, \$50, 269-2459.
Sports Craft 8-in-1 game table, new, in box, \$70, Pack, 459-4660.
Glass dining room table, 6 black chairs, \$350, Eastlack, 255-2073.
Black lacquer 4-piece wall-to-wall entertainment center w/mirror, glass, lighting, stem holders, matching china hutch, \$600/both, Al, 255-2073.
Wooden baby cradle w/complete bedding, excellent condition, \$50; solid oak dining room table, 4 chairs, \$225, Rich, 269-7474.
Ethan Allen sofa, cream, \$600; 2 side chairs, pastel, \$150/both; oak finished coffee table, sofa table & end table, \$150/set, 254-4974.
Dark oak hutch, \$500; light oak hutch, \$400; tea cart, \$75, all excellent condition, 454-4978.
Bunk beds, matching chest, Merritt, 633-0980.
Rolling computer stand, \$40, Wood, 459-2283.
Tables, chairs, cedar chest, handmade, large, heavy duty, B.O., Ed, 449-0485.
Bakers rack, green wrought iron, excellent condition, \$75, Lessey, 631-7986.
Daybed, white wicker, \$75, Lewis, 631-6387.
Thomasville entertainment center, 3-piece, side-by-side, mahogany, excellent condition, \$1200, DeWit, 639-6587.
White wooden crib w/mattress, excellent condition, \$50, Spencer, 783-8894, leave message.

APPLIANCES FOR SALE

Kenmore electric range, excellent condition, \$150, Ann, 267-5613.
Dryer, almond, good condition, \$50, Osgood, 453-2065.

MOTORCYCLES & EQUIPMENT FOR SALE

1988 Honda 250 NX Enduro, 6000 miles, excellent condition, \$1500/B.O., Oyer, 453-6975.
1995 Harley Fatboy, aqua/silver, extras, 31,000 miles, \$14,000, Posada, 254-4974.
1996 Honda Shadow 600, windshield, saddlebags, sissy bar, low miles, like new, Blakeney, 452-0969.
1996 Kawasaki KX-60 dirt bike, excellent condition, \$1200, Rick, 636-6524, evenings.
1998 XR100R dirt bike, low hours, \$1800, Hart, 631-5223.

BOATS & EQUIPMENT FOR SALE

12' sailboat, centerboard, good sails, needs work, \$125, Hawkins, 631-1545.
17' Mako 171 Special, 1989, 90 h.p. 1988 Yamaha motor, Harding trailer, extras, excellent condition, \$8836, Balzer, 267-0126, 9-3 weekdays.
23'-5" Hunter sailboat, 9.9 Honda, depth finder, camping package, trailer, low hours, excellent condition, Paul, 777-5932.
25' O'Day sailboat, 1994 Johnson Sailmaster, new cabin cushions, Autoheld, 12 coats varnished teak, extras, excellent condition, \$9500, Nickell, 452-8909.
Windsurfers, 3 boards, beginner through advanced, lots of gear, nice sails, \$350, Ruddick, 454-7805, pager.
Minkota 38 lb. thrust bow mount & foot control trolling motor, \$200, Seaman, 264-9762.
Mariner 5 h.p. motor, air cooled, runs great, \$375; Sears 3 h.p. motor, \$175, Roberts, 264-0263.
1972 25 h.p. Mercury motor, runs but needs minor work, \$200/B.O., Spoerle, 383-9310.
Cruisair carry-on marine A/C w/deflector, \$375; Magma grill w/bracket, \$90; prop, Alpha I, reconditioned, \$45; spotlight, 200K,\$15, Steve, 724-5436.

MUSICAL INSTRUMENTS & ELECTRONIC EQUIPMENT FOR SALE

Car subwoofers, 8", 10" & 12"; new gray carpeted bass reflex enclosure & grill, will demonstrate, high quality, \$125/\$175/each, Vince, 452-2520.
Panasonic digital answering machine, \$20; Panasonic 900 MHz w/speakerphone, \$30, Tucker, 632-0125.
Sears 25" color console TV, wood grained, \$200, Murphy, 635-8326.
Super Nintendo, 3 games, 3 controllers, \$110, Dunham, 636-2130.
Sony Playstation games: Star Fighter, Mortal Kombat, NBA Live '97, Alien Trilogy, Shoot Out '97, \$25/each, \$100/all, Millar, 639-1834.
Brother WP-5500DS+ word processor, \$100, Bill, 459-2539.
Sharp 26" color TV w/remote, \$200; Dennon AM/FM/cassette deck w/12 disc CD changer for auto, \$350, Seaman, 264-9762.
Kirby 4000, not working, good for parts, shampoo accessories included, B.O., Osgood, 453-2065.
Snell C5 speakers, like new, \$1500, Francis, 269-9865.

MISCELLANEOUS FOR SALE

Easy-Up portable 10' x 10' canopies, 2 total, lightweight, go up in minutes, good condition, \$75/each, Swinson, 631-5900.
Wedding gown, size 6/8, white satin, long sleeve, detailed bodice, detachable train, veil, hoop included, \$150, Matthews, 383-7602.
24" extension ladder, \$120; boy's Taekwondo bag & sparing gear, \$100, Snooks, 449-0005.
1 carat heart shaped diamond ring, E color, SI, 1/3 carat bag wrap, \$5500, Nickell, 452-8909.
Fluid Express 6'-0" tri-fin surfboard, excellent condition, \$175, Mulligan, 268-4810.
NordicTrack Pro cross-country ski machine, very good condition, \$200/B.O., 633-0514.
Craftsman table saw, 3 h.p., contractor series, barely used, \$350, Scott, 453-5415.
Sears Craftsman 11 h.p. riding lawnmower, \$400; Cardiofit Health Rider, \$40, Gail, 452-1813.
Fold-up Barbie house w/furniture, only used 3 times, \$25/firm, 269-9316, leave message.
1996 Chevy pickup chrome rear bumper, 1 small dent, \$75, King, 636-5726.
Truck cap for Toyota longbed pickup, \$100/B.O.; complete MREs , \$50/case, Robert, 633-1327.
Go-Kart, 5 h.p., 2-seater, 35 mph, \$400, Dunham, 636-2130.
15"x8" 6-lug aluminum rims, still in boxes, \$250; Toyota Tacoma rubber bed mat, \$30, Shoemaker, 783-3835.
D.C. Shapes 6'-3" fish, like new condition, \$225; Natural Art 6'-6" Thruster, good condition, \$200, Ritchie, 269-9635.
Nissan 6-lug 14" wheels, 4 total, w/new P195/75R14 tires, \$100, Kerry, 269-2939.
Chimney sweep equipment, includes all rods & brushes, \$300/firm, Farley, 453-6939.
BB alloy 4-lug wheels, 14" x 6", 4 total, 100mm pattern for Volkswagen Jetta, \$425, Dolph, 264-2941.
Oak firewood, \$20/truckload (10 cu. ft.), Hausman, 459-9342.
Raised toilet seat w/rails, new, still has price tag on it, \$40/B.O., Ray, 269-4647.
Child's western saddle, good condition, \$100, Linda, 632-0949.
Tickets to Neal Diamond concert, 2 total, Tampa Ice Palace, December 21, B.O., Page, 631-5156, after 5 p.m.
Golf clubs; golf bag, Hicks, 456-5657.
Seasoned oak split firewood, \$180/cord, \$90/half cord, \$50/quarter cord, Ivan, 268-3359.
Craftsman table saw, \$60; Craftsman gas edger, \$60; GM truck black fiberglass locking cover, \$250; 5K Honda generator, needs engine, \$100, 264-9762.
Truck tires, 4 total, 8.75R16.5, 8-lug rims, like new, 3 are Michelin Road Handlers, \$200, Bonner, 264-3266.
Tickets for A Christmas Carol, King Center, December 18, 2 orchestra seats, \$17/each, Haas, 254-9768, after 6 p.m.
Paint, 10 quarts; wood stain, 3 quarts; colorant, 16 quarts, B.O., 636-9672.
Rubber bed mat for full sized Ford truck, \$25, John, 639-1775.
Leather vest, tan, w/large Harley Davidson emblem on back, excellent condition, \$35, Durham, 632-5779.
Hot Wheels garage; Little Tykes easel, Merritt, 633-0980.
Radio controlled helicopter, radio system, gyro, ready to fly w/all accessories, hardware, extra parts, \$375, Mock, 242-8081.
Body Glove wetsuit, size XS, \$40; rowing machine, \$20, Alan, 268-5785.
Evening dresses, size 7/8, floor length: black velvet & fuchsia, \$65; light mauve, strapless, ruffle, \$45, DeWit, 639-6587.
Golf clubs: Power Built Citation, 3-9 irons, PI, SW putter, 1-3-5-10.5 metal woods, bag, more, \$150/B.O., 636-9787.
Girl's 16" bicycle, pink & purple, good condition, \$25; boy's 20" bicycle, green & black, excellent condition, \$35, 366-2291.
Craftsman riding lawnmower, 18 h.p., 44" cut, \$475, 631-9194.
Pastel colored hobby horse, \$10; Barbie dolls, excellent condition w/accessories, Spencer, 783-8894, leave message.
G gauge (LGB, Aristo, etc.), O gauge, HO gauge, trains, accessories; bedliner for Ford Ranger shortbed pickup, \$75, Derbyshire, 453-6795.

MISCELLANEOUS WANTED

Small trailer for 14' boat, Koerner, 264-4700.
Enclosed trailer, approximately 7' x 14', tandem axle, Dave, 904-756-8742.
Carpet installation tools, power stretcher, knee kicker, etc., Oleen, 631-9667.
Twin electric adjustable bed, good condition, Ruth, 267-2979.
Turntable w/auto record changer, good condition, reasonable, Seaman, 267-2482, after 4 p.m.

FOR SALE OR TRADE

1965 Ford Mustang coupe, 289, A/C, A/T, extras, good condition, \$4700/B.O., or possible trade, David, 269-7956.



KSC Recycles